

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

SEQUENCE LISTING

<110> Siegall, Clay
Wahl, Alan
Francisco, Joseph
Fell, H. Perry

<120> RECOMBINANT ANTI-CD40 ANTIBODY AND USES THEREOF

<130> 9632-005

<140>

<141>

<160> 15

<170> PatentIn Ver. 2.0

<210> 1

<211> 336

<212> DNA

<213> Murine

<220>

<221> CDS

<222> (1) .. (336)

<400> 1
gat gtt gtg gtg acc caa act cca ctc tcc ctg cct gtc agt ctt gga 48
Asp Val Val Val Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
1 5 10 15

gct caa gcc tcc atc tct tgc aga tct agt cag agc ctt gta cac agt 96
Ala Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
20 25 30

aat gga aac acc ttt tta cat tgg tac ctg cag aag cca ggc cag tct 144
Asn Gly Asn Thr Phe Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
35 40 45

cca aaa ctc ctg atc tac aca gtt tcc aac cga ttt tct ggg gtc cca 192
Pro Lys Leu Leu Ile Tyr Thr Val Ser Asn Arg Phe Ser Gly Val Pro
50 55 60

gac agg ttc agt ggc agt gga tca ggg aca gat ttc aca ctc aag atc 240
Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

agc aga gtg gag gct gag gat ctg gga gtt tat ttc tgc tct caa act 288
Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Thr
85 90 95

aca cat gtt ccg tgg acg ttc ggt gga ggc acc aag ctg gaa atc caa 336
Thr His Val Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Gln
100 105 110

<210> 2
 <211> 112
 <212> PRT
 <213> Murine

<400> 2
 Asp Val Val Val Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
 1 5 10 15

Ala Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Val His Ser
 20 25 30

Asn Gly Asn Thr Phe Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
 35 40 45

Pro Lys Leu Leu Ile Tyr Thr Val Ser Asn Arg Phe Ser Gly Val Pro
 50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
 65 70 75 80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Thr
 85 90 95

Thr His Val Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Gln
 100 105 110

<210> 3
 <211> 16
 <212> PRT
 <213> Murine

<400> 3
 Arg Ser Ser Gln Ser Leu Val His Ser Asn Gly Asn Thr Phe Leu His
 1 5 10 15

<210> 4
 <211> 7
 <212> PRT
 <213> Murine

<400> 4
 Thr Val Ser Asn Arg Phe Ser
 1 5

<210> 5
 <211> 9
 <212> PRT
 <213> Murine

<400> 5
 Ser Gln Thr Thr His Val Pro Trp Thr
 1 5

<210> 6
 <211> 342
 <212> DNA
 <213> Murine

<220>
 <221> CDS
 <222> (1) .. (342)

<400> 6
 gag gtc cag ctg cag cag tct gga cct gac ctg gtg aag cct ggg gct 48
 Glu Val Gln Leu Gln Gln Ser Gly Pro Asp Leu Val Lys Pro Gly Ala
 1 5 10 15
 tca gtg aag atc tcc tgc aag gct tct ggt tac tca ttc act ggc tac 96
 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Gly Tyr
 20 25 30
 tac ata cac tgg gtg aag cag agc cat gga aag agc ctt gag tgg att 144
 Tyr Ile His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
 35 40 45
 gga cgt gtt att cct aac aat gga ggc act agt tac aac cag aag ttc 192
 Gly Arg Val Ile Pro Asn Asn Gly Gly Thr Ser Tyr Asn Gln Lys Phe
 50 55 60
 aag ggc aag gcc ata tta act gta gac aag tca tcc agc aca gcc tac 240
 Lys Gly Lys Ala Ile Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80
 atg gaa ctc cgc agc ctg aca tct gag gac tct gcg gtc tat tac tgt 288
 Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
 85 90 95
 gca aga gaa ggg atc tac tgg tgg ggc cac ggc acc act ctc aca gtc 336
 Ala Arg Glu Gly Ile Tyr Trp Trp Gly His Gly Thr Thr Leu Thr Val
 100 105 110
 tcc tca 342
 Ser Ser

<210> 7
 <211> 114
 <212> PRT
 <213> Murine

<400> 7
 Glu Val Gln Leu Gln Gln Ser Gly Pro Asp Leu Val Lys Pro Gly Ala
 1 5 10 15
 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Gly Tyr
 20 25 30
 Tyr Ile His Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu Trp Ile
 35 40 45

Gly Arg Val Ile Pro Asn Asn Gly Gly Thr Ser Tyr Asn Gln Lys Phe
50 55 60

Lys Gly Lys Ala Ile Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Ile Tyr Trp Trp Gly His Gly Thr Thr Leu Thr Val
100 105 110

Ser Ser

<210> 8
<211> 6
<212> PRT
<213> Murine

<400> 8
Thr Gly Tyr Tyr Ile His
1 5

<210> 9
<211> 17
<212> PRT
<213> Murine

<400> 9
Arg Val Ile Pro Asn Asn Gly Gly Thr Ser Tyr Asn Gln Lys Phe Lys
1 5 10 15

Gly

<210> 10
<211> 4
<212> PRT
<213> Murine

<400> 10
Glu Gly Ile Tyr
1

<210> 11
<211> 48
<212> DNA
<213> Murine

<400> 11
agatctagtc agagccttgt acacagtaat ggaaacacct ttttacat

48

<210> 12
<211> 21
<212> DNA
<213> Murine

<400> 12
acagtttcca accgattttc t

21

<210> 13
<211> 18
<212> DNA
<213> Murine

<400> 13
actggctact acatacac

18

<210> 14
<211> 51
<212> DNA
<213> Murine

<400> 14
cgtgttatcc ctaacaatgg aggcactagt tacaaccaga agttcaaggg c

51

<210> 15
<211> 12
<212> DNA
<213> Murine

<400> 15
gaagggatct ac

12

003211-6044260